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PATENT, TRADEMARK
AND COPYRIGHT

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December 17, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-145

Re: U.S. Patent Application
**METHOD OF CONTROLLING LOOPBACK PROCESS IN ETHERNET
PASSIVE OPTICAL NETWORK**
Based on KPA No. : 2003-145 KPA Filing Date: January 2, 2003
Serial No. : 10/650,580
Filed : August 28, 2003
Your Ref. : P11175-US/ST/khs
Our Ref. : 5000-1-448

SUBMISSION OF SUBSTITUTE DECLARATION

Sir:

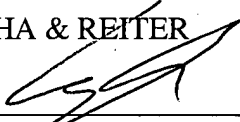
Please be informed that the citizenship of the inventor, Jin-Hee KIM was mistyped in the executed Declaration filed with the application on August 28, 2003. The citizenship of Jin-Hee Kim is not Republic of Korea but U.S.A.. Accordingly, we herewith enclose a newly executed Declaration in which the citizenship of Jin-Hee Kim is corrected to the U.S.A.

Please issue a Filing Receipt reflecting the correct citizenship.

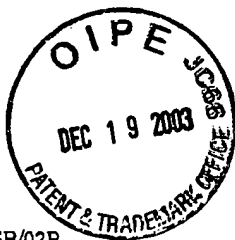
Applicant hereby authorizes that any charges relating to the processing of the present Application may be charged to Deposit Account No. 502-470.

Respectfully submitted,

CHA & REITER


By: Steve Cha
Attorney for Applicants
Registration No. 44,069

SC/lc
Enclosure



PTO/SB/02B

Docket No.: 5000-1-148

DECLARATION AND POWER OF ATTORNEY

As a below named inventor (s), I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD OF CONTROLLING LOOP-BACK PROCESS IN ETHERNET

PASSIVE OPTICAL NETWORK

, the specification of which is attached hereto unless the following box is checked:

☒ was filed on August 28, 2003 as United States Application Number or PCT International Application Number 10/650,580 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

<u>2003-145</u> (Number)	<u>Republic of Korea</u> (Country)	<u>02/01/2003</u> (Day/Month/Year Filed)	Priority Claimed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of the Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

_____ (Application Number)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Application Number)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

POWER OF ATTORNEY: I hereby appoint as my attorneys and other attorneys or agents the registered persons identified under

CUSTOMER NUMBER
33942

for the law firm of Cha & Reiter, said attorneys or agents with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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Address all telephone calls to: (201)518-5518:

I (we) hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Signature: Se-Youn LIM

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Date: December 15, 2003
Signature: A-Jung Kim

Full name of Fourth inventor:

Residence Address:

Post office address:

Citizenship:

Date:

Signature:

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U.S.A.

December 15, 2003

Jin-Hee Kim**Full name of Fifth inventor:**

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Post office address:

Citizenship:

Date:

Signature:

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Republic of Korea

December 15, 2003

Su-hyung Kim**Full name of Sixth inventor:**

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Citizenship:

Date:

Signature:

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December 15, 2003

Min-Hyo LEE**Full name of Seventh inventor:**

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December 15, 2003

Ho-Il OH